

Project Title	Funding	Strategic Plan Objective	Institution
The mechanism of the maternal infection risk factor for autism	\$0	Q2.S.A	California Institute of Technology
Anti-Neuronal Autoantibodies against Bacterial Polysaccharides in Autism Spectrum Disorders	\$0	Q2.S.A	University of Oklahoma Health Sciences Center
MIG-6 tumor suppressor gene protein and ERK 1 and 2 and their association with EGF and EGFR in autistic children	\$0	Q2.S.A	Hartwick College
Anti-GAD antibodies in autism	\$0	Q2.S.A	Hartwick College
Mechanisms of synaptic alterations in a neuroinflammation model of autism	\$0	Q2.S.A	University of Nebraska
Altered placental tryptophan metabolism: A crucial molecular pathway for the fetal programming of neurodevelopmental disorders	\$0	Q2.S.A	University of Southern California
MATERNAL BRAIN-REACTIVE ANTIBODIES AND AUTISM SPECTRUM DISORDER	\$0	Q2.S.A	Feinstein Institute for Medical Research
Antigenic Specificity and Neurological Effects of Monoclonal Anti-brain Antibodies Isolated from Mothers of a Child with Autism Spectrum Disorder: Toward Protection Studies	\$30,000	Q2.S.A	The Feinstein Institute for Medical Research
PET/MRI investigation of neuroinflammation in autism spectrum disorders	\$54,400	Q2.S.A	Massachusetts General Hospital
Bone marrow transplantation and the role of microglia in autism	\$62,380	Q2.S.A	University of Virginia
The effect of maternal obesity and inflammation on neuronal and microglial functi	\$78,250	Q2.S.A	MAYO CLINIC JACKSONVILLE
The IL-17 pathway in the rodent model of autism spectrum disorder	\$90,000	Q2.S.A	University of Massachusetts, Worcester
Microglia in models of normal brain development, prenatal immune stress and genetic risk for autism	\$100,000	Q2.S.A	Harvard University
Project 3: Immune Environment Interaction and Neurodevelopment	\$107,931	Q2.S.A	University of California, Davis
Folate receptor autoimmunity in Autism Spectrum Disorders	\$149,963	Q2.S.A	State University of New York, Downstate Medical Center
Mitochondrial dysfunction due to aberrant mTOR-regulated mitophagy in autism	\$183,568	Q2.S.A	Columbia University
Immune signaling in the developing brain in mouse models of ASD	\$200,000	Q2.S.A	University of California, Davis
Immune p38-alpha MAPK activation: Convergent mechanism linking autism models	\$212,061	Q2.S.A	Florida Atlantic University
Autism Spectrum Disorder Diagnostic/Therapeutic Agent	\$225,000	Q2.S.A	SPARK2FLAME, INC.
DETECTING THE TRANSFER OF MATERNAL ANTIBODIES INTO THE FETAL RHESUS MONKEY BRAIN	\$233,500	Q2.S.A	University of California, Davis
Macrophage Polarization and Utility of in Vivo Therapy with a Brain-Permeable Anti-TNF Agent in Models of Autism	\$246,807	Q2.S.A	Emory University

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Roles of pro-inflammatory Th17 cells in autism	\$249,729	Q2.S.A	New York University
Synergy between genetic risk and placental vulnerability to immune events	\$250,874	Q2.S.A	Stanford University
Developmental Linkage of Metabolic Homeostasis and Sociality	\$280,918	Q2.S.A	Indiana University
Macrophage Polarization and Utility of in Vivo Therapy with a Brain-Permeable Anti-TNF Agent in Models of Autism	\$282,639	Q2.S.A	Emory University
Intra-Prenatal Origins of Neurometabolic Consequences	\$319,550	Q2.S.A	University of California, Los Angeles
Maternal Immune Activation in a Genetic Mouse Model of ASD	\$387,961	Q2.S.A	University of Nebraska
Mouse model of maternal allergic asthma and offspring autism-like behavioral deficits	\$432,669	Q2.S.A	MOUNT HOLYOKE COLLEGE
GABRB3 and Placental Vulnerability in ASD	\$581,537	Q2.S.A	STANFORD UNIVERSITY

